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Road Top RM (B0BZVB5H2G)

Road Top 10.25 Inch Touchscreen Wireless CarPlay Android Auto Car Stereo User Manual

Model: RM (B0BZVB5H2G)

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Road Top 10.25 Inch Touchscreen Wireless CarPlay Android Auto Car Stereo. This device is designed to upgrade your vehicle's multimedia capabilities while retaining the original car system functionalities.



Image 1.1: Road Top 10.25 Inch Touchscreen Car Stereo with Wireless CarPlay and Android Auto functionality.

The system integrates a 10.25-inch 1920x720 resolution touchscreen, offering wireless CarPlay, wireless Android Auto, and wireless Mirrorlink functions. It operates on a Linux system, enhancing your driving experience with modern connectivity features.

2. Compatibility

This Road Top car stereo is compatible with specific BMW 3 and 4 Series models and years. Please verify your vehicle's system before installation.

- **BMW 3 Series:** F30/F31/F34 (2012-2015 Year)
- **BMW 4 Series:** F32/F33/F36 (2013-2015 Year)

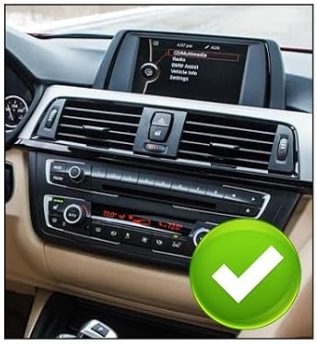
Important Note:

- Not compatible with EVO System.
- Compatibility depends on the LVDS port behind your factory screen. If the LVDS port is 6-pin, this screen is

compatible, regardless of whether your original car screen displays CD/multimedia (CIC system interface) or multimedia (NBT system interface).

Compatible Models & Year

MODEL	YEAR
4 Series F32 / F33 / F36	2013 - 2015
3 Series F30 / F31 / F34	2012 - 2015





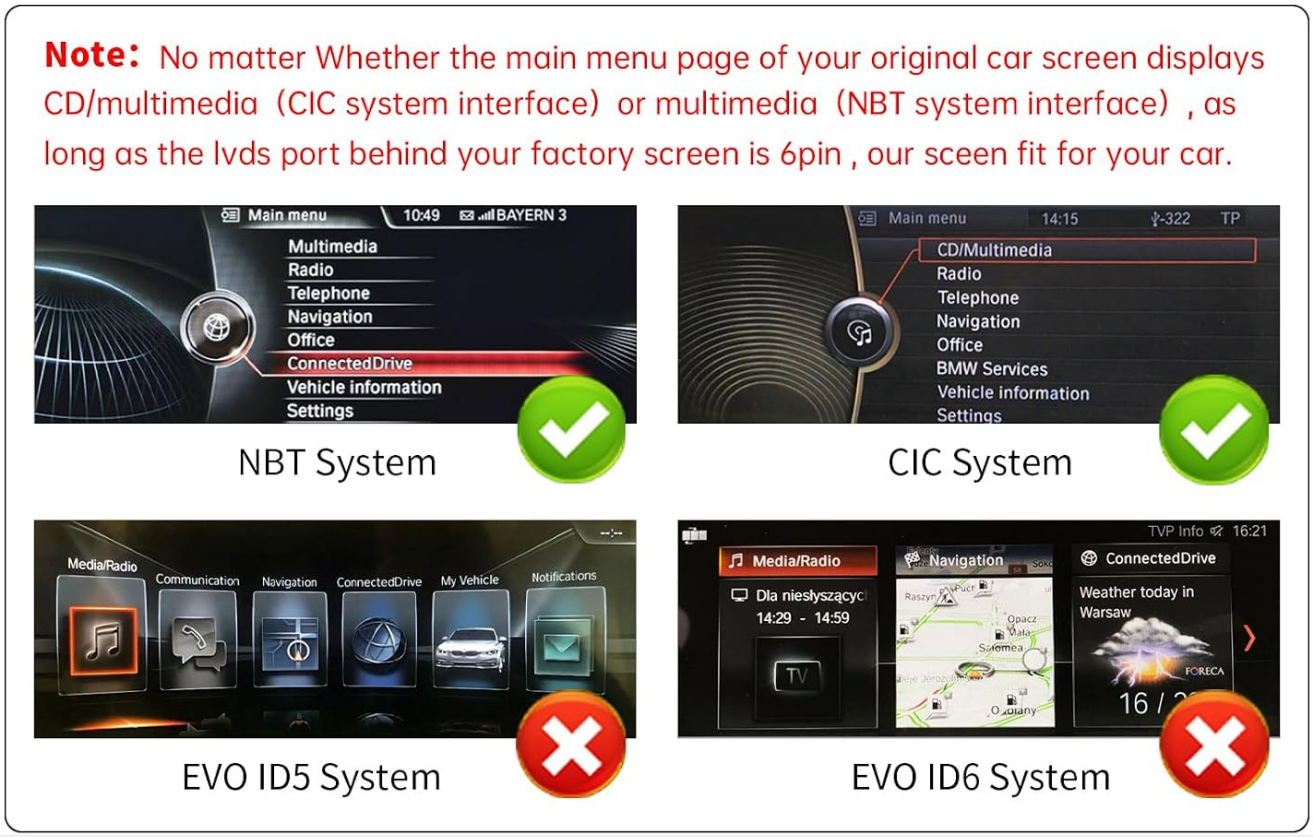


Image 2.1: Visual guide for compatible BMW models and system types (NBT/CIC) and incompatible EVO systems.

3. Key Features

The Road Top 10.25 Inch Touchscreen Car Stereo offers a range of features designed to enhance your in-car experience:

- **Wireless Connectivity:** Supports Wireless CarPlay, Wireless Android Auto, and Wireless Mirrorlink for iOS and Android phones.
- **Audio Quality:** Integrated Bluetooth and adjustable EQ for optimal audio performance.
- **Camera Support:** Compatible with original factory reverse cameras, parking radar, and aftermarket reverse cameras. Supports front view camera DVR (CVBS input). *Does not support aftermarket 360 cameras.*
- **Automatic Light Sensitivity:** Adjusts display brightness between day and night modes based on your car's original headlights for comfortable viewing.

- **Original Function Retention:** Preserves all original car functions, including the factory radio, amplifier, joystick control, and original reversing camera. No software changes are made to the vehicle's control units.



Image 3.1: Overview of the main features and functionalities.



Image 3.2: Visual comparison of the dashboard before and after installing the new screen.

Camera Functions

Support factory original reverse camera, parking radar
Support aftermarket reverse camera
When you put in the reverse, the camera will work automatically
No support aftermarket 360 camera



Image 3.3: Demonstration of reverse camera functionality on the display.

Day And Night Mode

Automatic light sensitivity adjusts the day and night mode according to your car's original headlights



Image 3.4: Day and Night Mode adjustment based on vehicle headlights.

4. Package Contents

The product package typically includes the following components:

- 10.25 Inch Touchscreen Display Unit
- Power Cable
- USB Cable
- AUX Cable
- Mounting Bracket



Image 4.1: Product components including the display unit and various cables.

5. Setup and Installation

Installation of this unit requires accessing the car dashboard to connect wires. It is recommended to have the installation performed by a professional or to follow detailed installation guides carefully.

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
2. **Dashboard Disassembly:** Carefully remove the necessary dashboard trim and the original car screen to access wiring.
3. **Wiring Connections:** Connect the provided power cable, USB cable, and AUX cable according to the vehicle's wiring harness and the unit's ports. Ensure the LVDS cable is correctly connected.
4. **Unit Mounting:** Secure the new 10.25-inch display unit using the provided mounting bracket.
5. **Initial Testing: Before reassembling the dashboard,** connect the battery and power on the vehicle to test all functions of the new screen, including CarPlay, Android Auto, original system display, audio, and camera inputs.

6. **Final Assembly:** Once all functions are confirmed to be working correctly, proceed with reassembling the dashboard trim.

Important Note:
Many issues arise from incorrect cable connections or settings. Confirm all features are operational before finalizing the installation and replacing all components.

6. Operating Instructions

6.1 Switching Between Systems

The Road Top screen allows seamless switching between its Linux-based system (with CarPlay/Android Auto) and your BMW's original OEM system.

- To access the original car system, select the "Original car interface" icon on the Road Top homescreen.
- To return to the Linux system, touch any area of the screen while in the original OEM system interface.

6.2 Wireless CarPlay and Android Auto

Once installed, the unit provides wireless connectivity for Apple CarPlay and Android Auto.

1. Ensure Bluetooth is enabled on your smartphone.
2. On the Road Top screen, navigate to the CarPlay or Android Auto section.
3. Follow the on-screen prompts to pair your phone via Bluetooth.
4. Once paired, the system will automatically connect wirelessly for CarPlay or Android Auto functionality.

6.3 Camera Functions

The system supports both factory original and aftermarket reverse cameras. When the vehicle is shifted into reverse, the camera view will automatically display on the screen.

6.4 Automatic Light Sensitivity

The display automatically adjusts its brightness based on your car's original headlights. When headlights are on, the screen will switch to night mode (dimmer); when headlights are off, it will switch to day mode (brighter).

7. Maintenance

To ensure the longevity and optimal performance of your Road Top touchscreen unit, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Temperature:** Avoid exposing the unit to extreme temperatures for extended periods.
- **Power:** Ensure the vehicle's electrical system is stable. Avoid frequent power fluctuations.
- **Software Updates:** Check the manufacturer's website or contact support for any available software updates to improve performance and add features.

8. Troubleshooting

This section addresses common issues you might encounter and provides potential solutions.

Problem	Possible Cause	Solution
No Power / Screen Blank	Incorrect power cable connection, blown fuse, vehicle battery issue.	◦ Check all power cable connections for secure fit. ◦ Verify vehicle fuses related to the stereo system. ◦ Ensure vehicle battery is charged and properly connected.
No Audio / Distorted Sound	Incorrect AUX cable connection, incorrect audio settings, original car system not set to AUX.	◦ Ensure the AUX cable is securely connected to both the Road Top unit and the vehicle's AUX input. ◦ Verify the original car system is switched to the AUX audio source. ◦ Check audio settings on both the Road Top unit and the original car system.
CarPlay/Android Auto Not Connecting	Bluetooth not enabled on phone, incorrect pairing process, phone compatibility issue.	◦ Ensure Bluetooth is active on your smartphone. ◦ Delete previous pairings and re-attempt the pairing process. ◦ Confirm your phone's operating system is up-to-date and supports wireless CarPlay/Android Auto.
Original System Display Issues (Distorted/Incorrect)	Incorrect LVDS cable connection, incorrect resolution settings.	◦ Check the LVDS cable connection. ◦ Access the Road Top unit's settings to adjust display resolution if applicable.
Reverse Camera Not Displaying	Incorrect camera input connection, camera power issue.	◦ Verify the reverse camera input cable is correctly connected to the unit. ◦ Ensure the camera is receiving power.

If you encounter persistent issues, please refer to the warranty and support section for assistance.

9. Specifications

Feature	Detail
Brand	Road Top
Model Name	RM
Display Size	10.25 Inches
Resolution	1920*720
Operating System	Linux System
Connectivity Technology	Bluetooth

Feature	Detail
Special Feature	Touchscreen, Wireless CarPlay, Wireless Android Auto, Wireless Mirrorlink
Voice Command	Buttons, Touchscreen
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	4 pounds
Product Dimensions	10.25 x 10.25 x 10.25 inches

10. Warranty and Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Road Top customer support.

How to Contact Support:

1. Locate the seller "Road Top Direct" on the product purchase page.
2. Click on the "Ask a question" button to send a message to the seller.

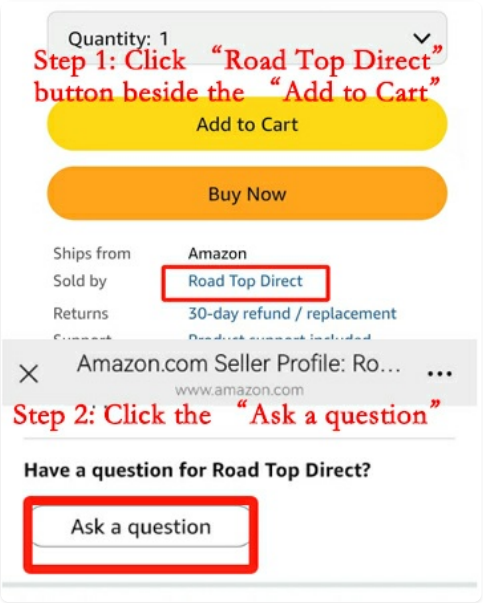


Image 10.1: Guide on contacting Road Top Direct for support.

Please have your product model (RM) and purchase details ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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